

Ungulata, p. 81, dark, orbits and under side dark. There is a female, and a young male, her offspring.

The two sexes, and the young and the old specimens of each of the species are exactly similar.

4. NOTICE OF A NEW SPECIES OF JAGUAR FROM MAZATLAN, LIVING IN THE GARDENS OF THE ZOOLOGICAL SOCIETY. BY DR. J. E. GRAY, V.P.Z.S., F.R.S., ETC.

(Mammalia, Pl. LVIII.)

The Society has recently received from Miss Mary Knight a very curious and valuable animal from Mazatlan, which appears not hitherto to have been noticed in the systematic catalogues, which is the more extraordinary, as the zoologists in the United States are now very active in describing the animals of North America, and are evidently renaming several of those which are well known in the European Museums.

This species greatly resembles the Jaguar in size, character, and marking, having the short legs and short tapering tail of that species; but it chiefly differs from that animal in the form of the head, which is more elongate, and in the disposition of the spots; instead of the spots being all placed in rings or roses, as they are usually called, the spots on the front part of the body are single and scattered, and those on the hinder part of the body are alone placed in rings or roses.

I propose to distinguish the species provisionally with the name of *Leopardus Hernandezii*, waiting until its skull and other characters can be more carefully examined and compared before I undertake to give its proper specific character.

5. SYNOPSIS OF THE FAMILIES AND GENERA OF AXIFEROUS ZOOPHYTES OR BARKED CORALS. BY DR. JOHN EDWARD GRAY, F.R.S., F.L.S., V.P.Z. AND ENT. SOC., ETC.

(Radiata, Pl. IX.)

This group of animals has been called

*Polypiers corticifères* by Lamarck, Hist. A. S. V. ii. 288.

*Polypes corticaux* by Cuvier, Règne Anim. iv. 78, 1817.

*Corallea* by De Blainville, Dict. Sci. Nat. lxx., et Man. Actinol. 501, 1834.

*Gorgoniadae*, Johnston, Brit. Zooph. 182, 1838; Gray, List of B. Mam. 55, 1848.

*Gorgonidæ*, Dana, Zooph. 637, 1846.

*Cerato-corallia*, Ehrenb. Corall. B.M. 1834.

*Coralliadae*, Gray, Syn. B.M. 134, 1840.

This group of animals is easily distinguished from the other zoo-